

Abstract

A braking drive for a control cable or shaft has a drive shaft with a radial journal. A contractible brake ring has opposing ends defining a gap, with the journal in the gap. The ring has an exterior surface biased outwards and two interior detents. A stationary interior housing circumscribes the ring, with an interior surface in frictional contact with the ring. An exterior portion of the housing has bosses being disposed within the detents of the ring. Friction between the ring and the housing interior arrests rotation of the journal and drive shaft until a force on the exterior portion of the housing moves the bosses, transferring the force to the ring via the detents, whereby the ring is contracted, releasing the frictional brake between the housing and the ring, thereby allowing rotation of the drive shaft.